Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111002.D
Acq On : 27 Nov 2018 11:48
Operator : JU/SJ
Sample : J5774-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-112118

Manual Integrations APPROVED
mohammad
11/28/2018 4:42:04 PM

Quant Time: Nov 27 13:24:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 06:43:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	49311	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	186473	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	73334	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	129361	20.00	ng		0.00
76) Chrysene-d12	14.14	240	114326	20.00	ng		0.00
87) Perylene-d12	15.67	264	77515	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	304198	102.30	ng		0.01
7) Phenol-d6	6.57	99	368239	95.03	ng		0.00
23) Nitrobenzene-d5	7.50	82	232053	71.22	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	68692	94.32	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	385473	76.15	ng		0.00
79) Terphenyl-d14	13.06	244	353804	60.24	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.58	94	20005	4.584	ng		83
50) Dimethylphthalate	9.69	163	53884	10.019	ng		100
71) Phenanthrene	11.50	178	18341	2.677	ng		98
75) Fluoranthene	12.70	202	39166	5.562	ng		97
78) Pyrene	12.93	202	44293	5.305	ng		97
81) Benzo(a)anthracene	14.13	228	22063	3.269	ng	#	94
83) Chrysene	14.16	228	24150m	3.635	ng		
88) Benzo(b)fluoranthene	15.22	252	20575m	4.518	ng		
90) Benzo(a)pyrene	15.62	252	14974	3.533	ng	#	83
92) Benzo(g,h,i)perylene	17.77	276	9532	2.827	ng	#	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampleId :
SU-02-112118

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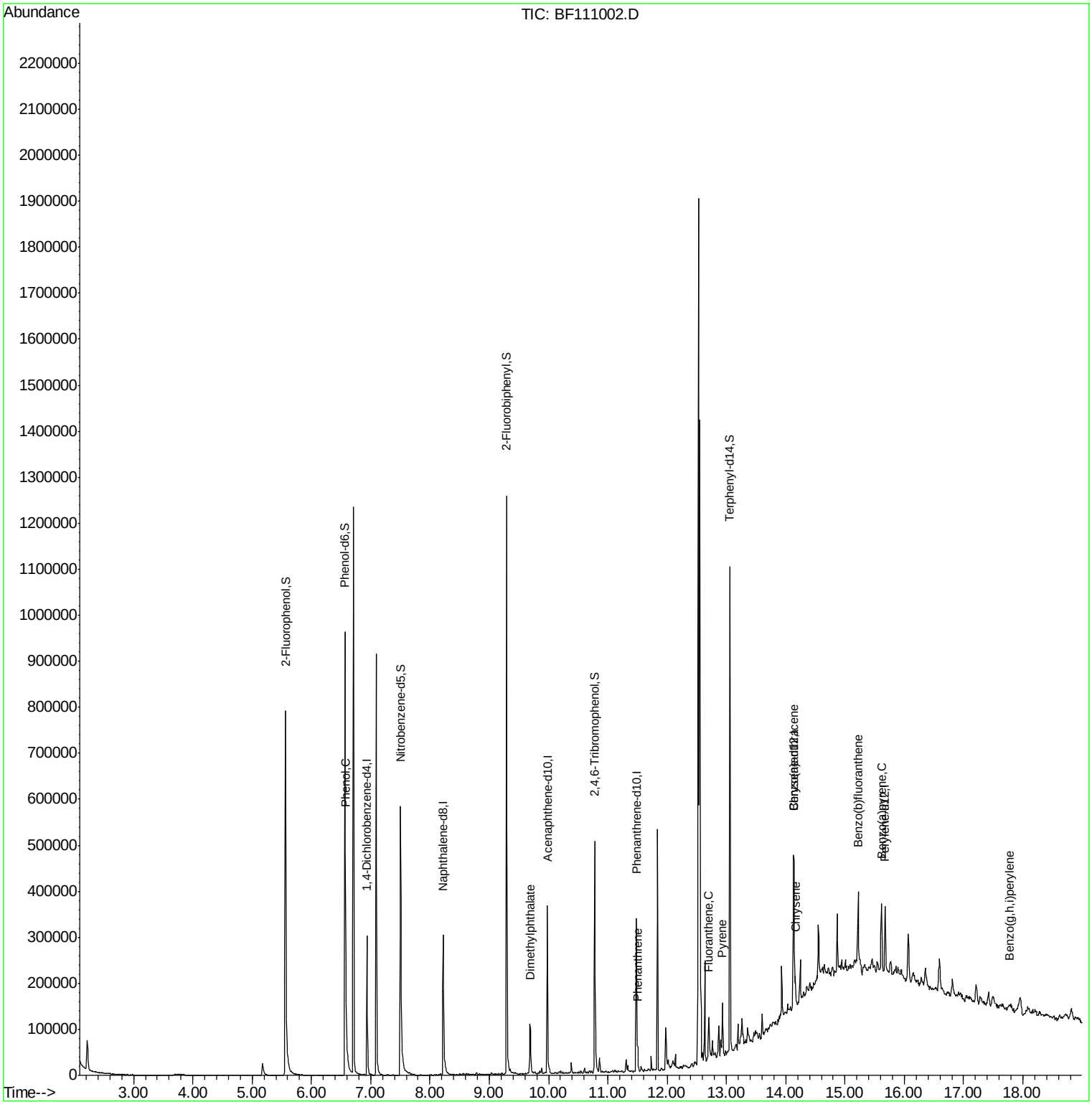
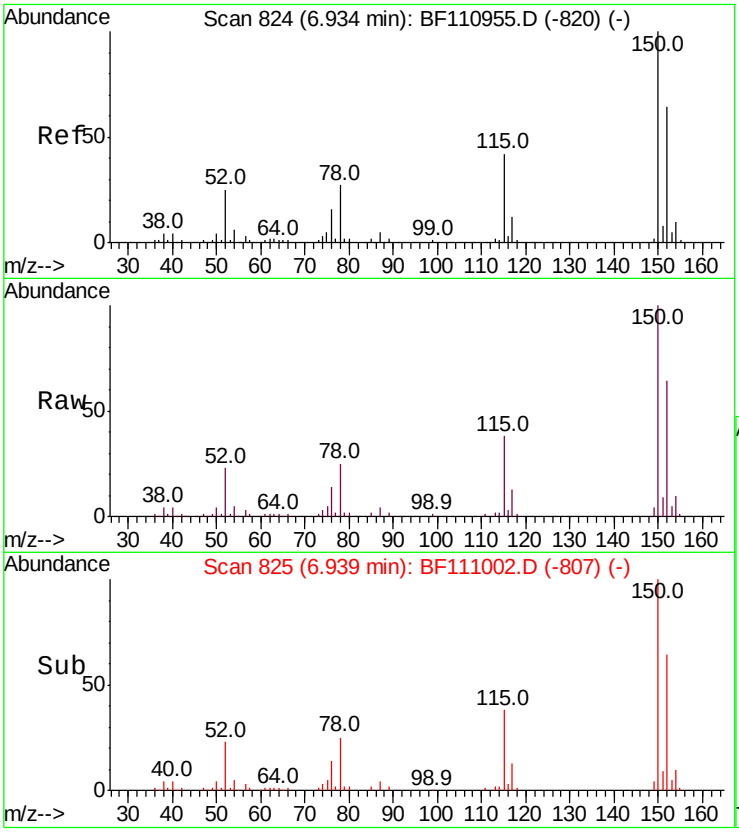
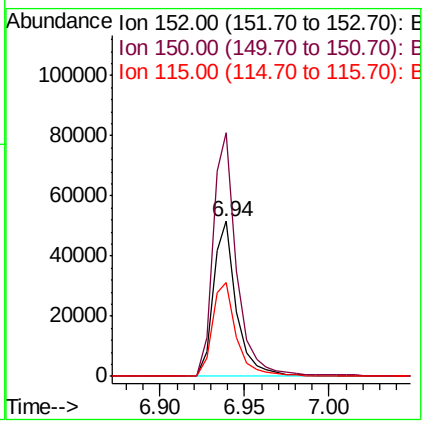




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:152 Resp: 49311

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	60.4	49.1	73.7



Instrument :
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ClientSampleId :
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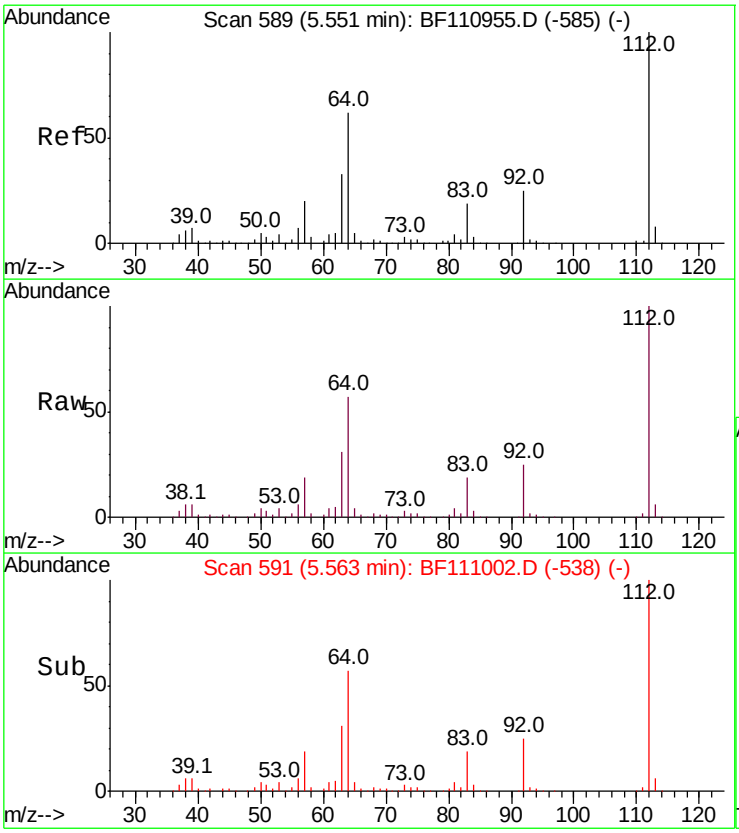
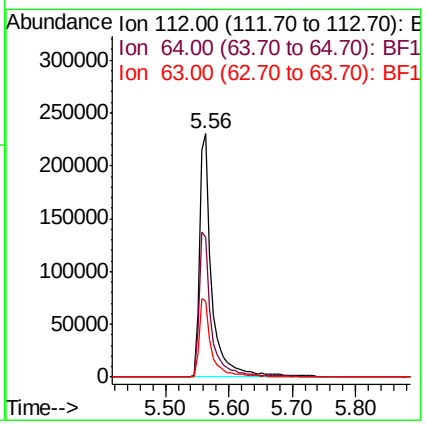
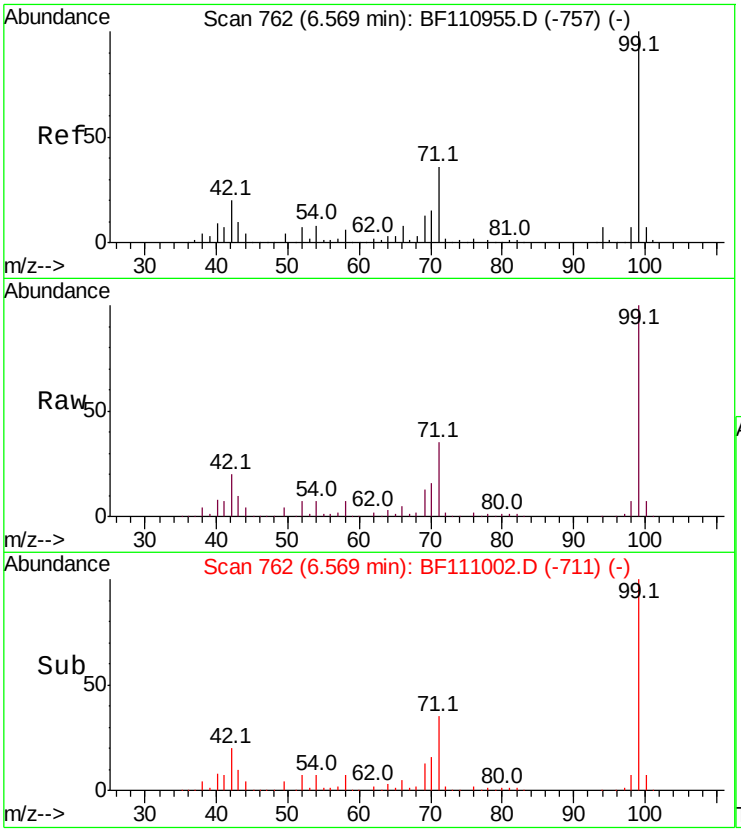


#5
2-Fluorophenol
Concen: 102.301 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:112 Resp: 304198

Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	31.0	23.7	35.5

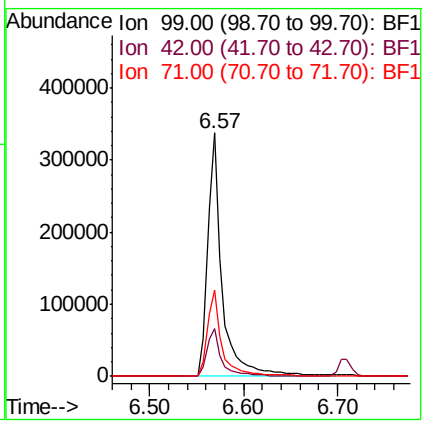




#7
Phenol-d6
Concen: 95.028 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion: 99 Resp: 368239

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	35.2	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
SU-02-112118

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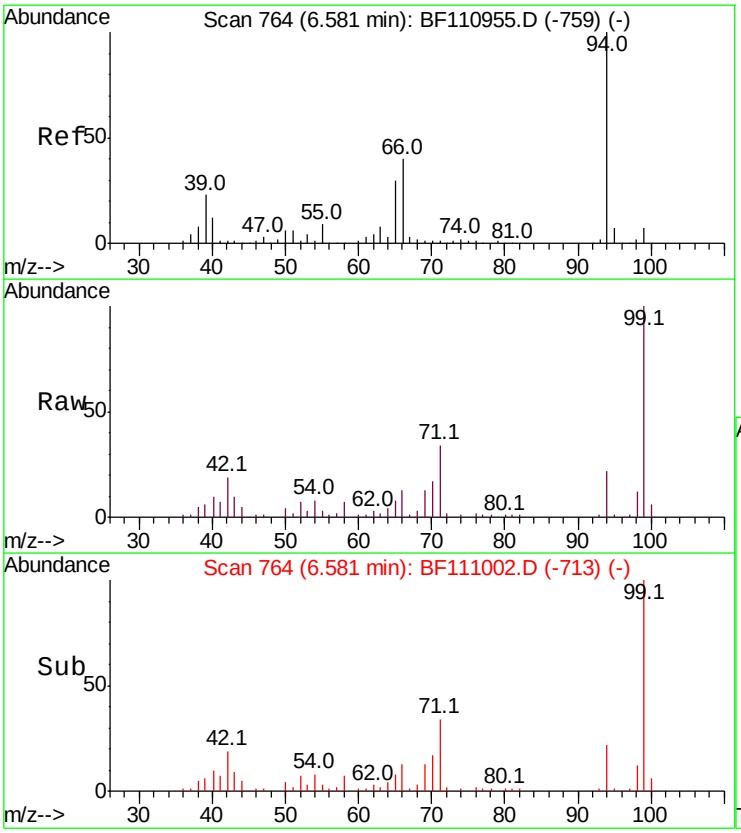
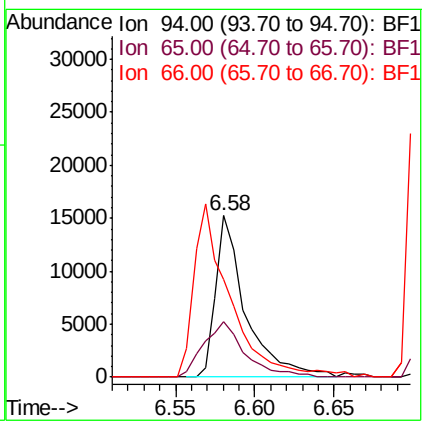
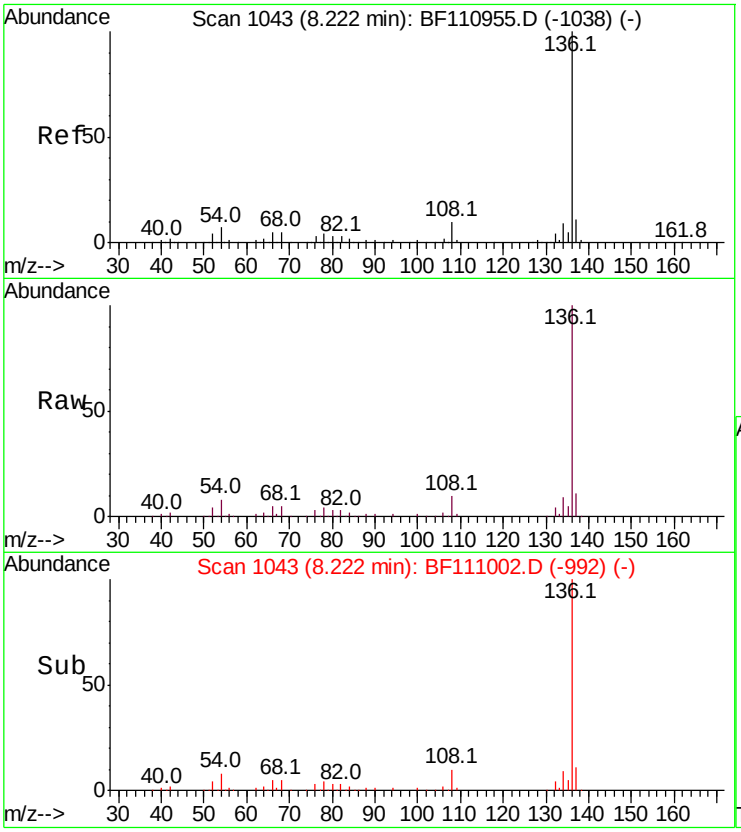


#10
Phenol
Concen: 4.584 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion: 94 Resp: 20005

Ion	Ratio	Lower	Upper
94	100		
65	34.0	25.3	65.3
66	60.3	54.5	94.5

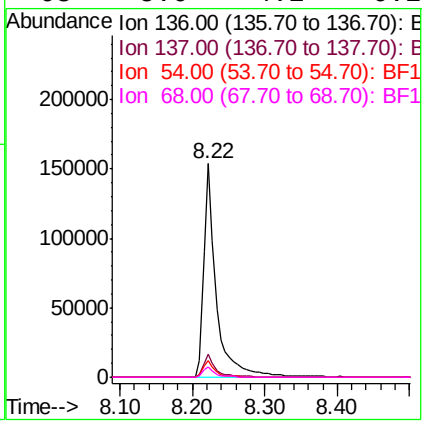




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:136 Resp: 186473

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	5.4	8.2
68	5.0	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
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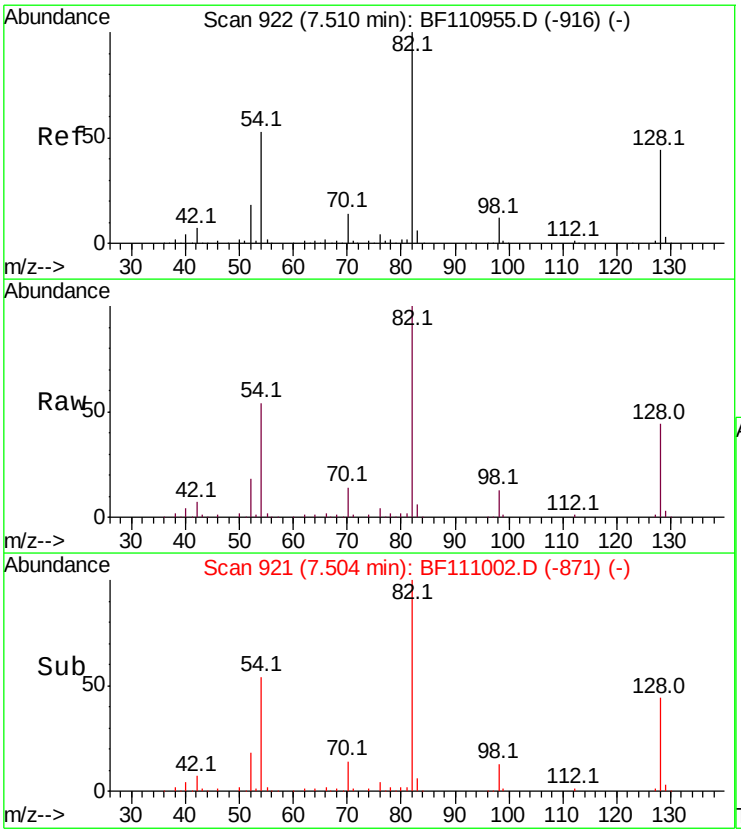
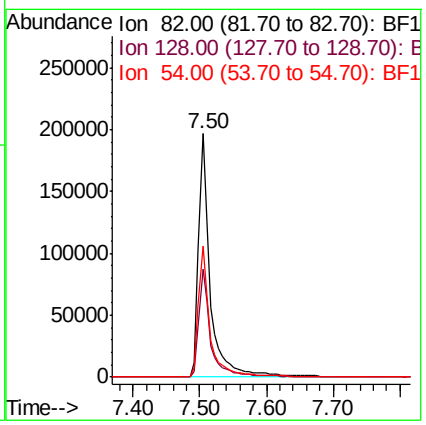
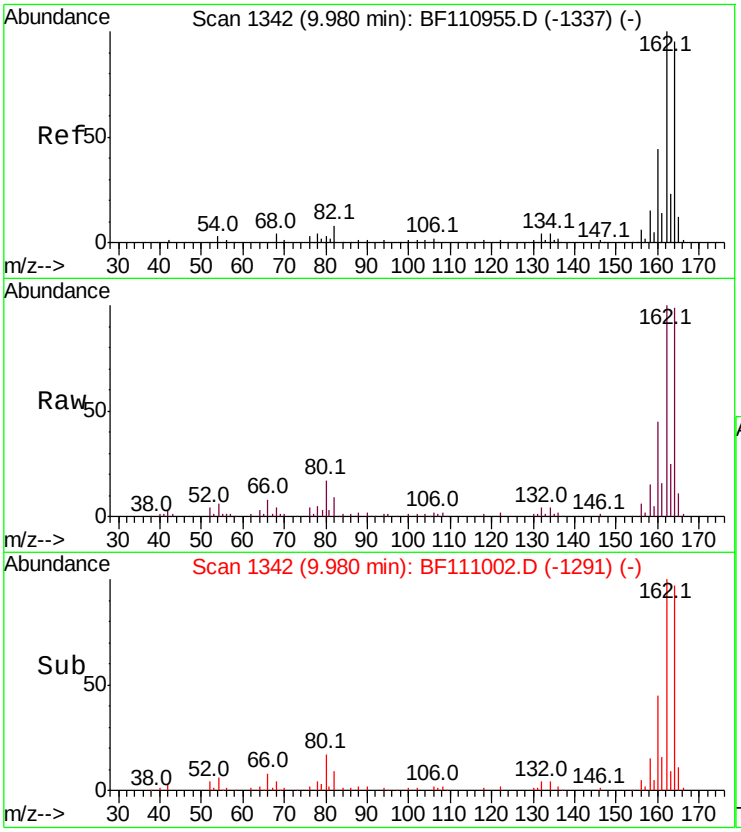


#23
Nitrobenzene-d5
Concen: 71.220 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion: 82 Resp: 232053

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	54.0	38.6	58.0

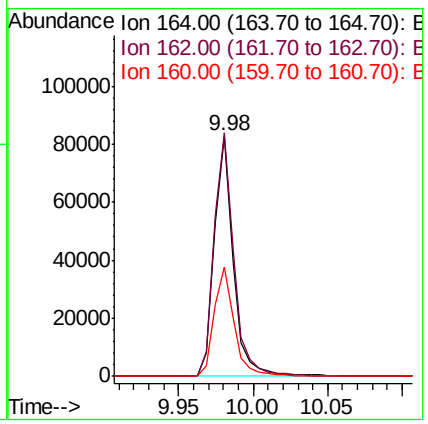




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:164 Resp: 73334

Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.0	124.6
160	45.7	37.0	55.6



Instrument :
BNA_F
ClientSampleId :
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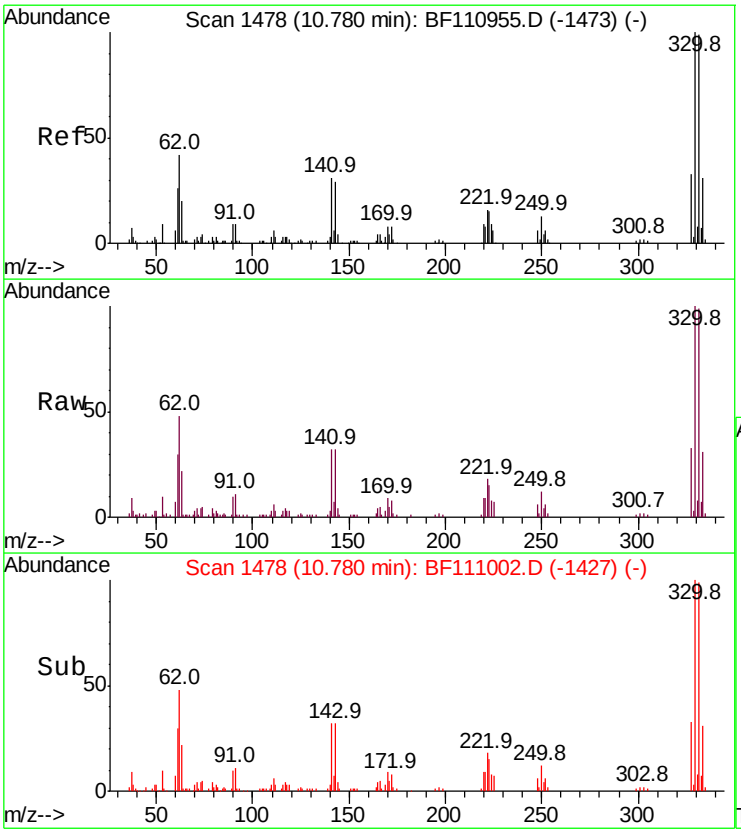
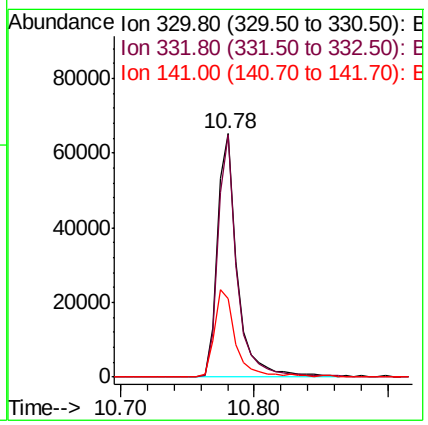
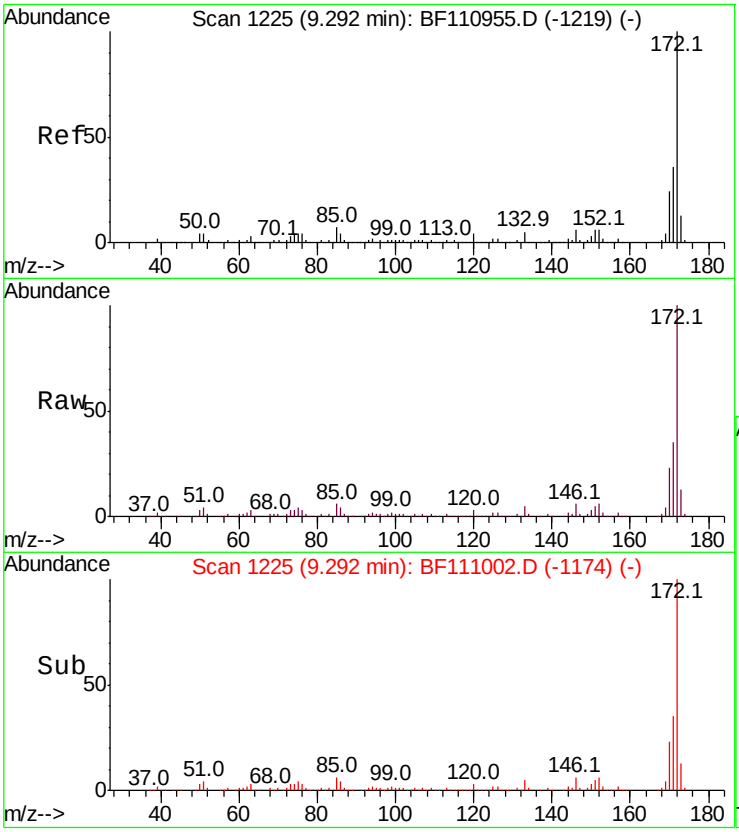


#42
2,4,6-Tribromophenol
Concen: 94.318 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:330 Resp: 68692

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	38.5	27.0	40.4

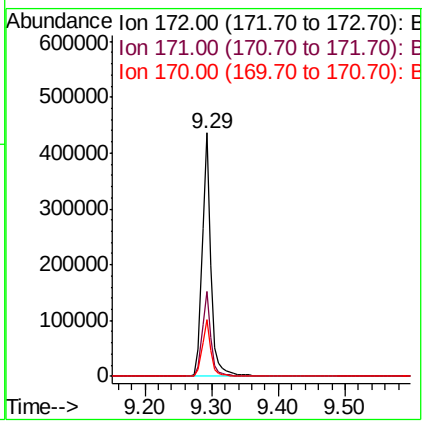




#45
2-Fluorobiphenyl
Concen: 76.153 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:172 Resp: 385473

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.2	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
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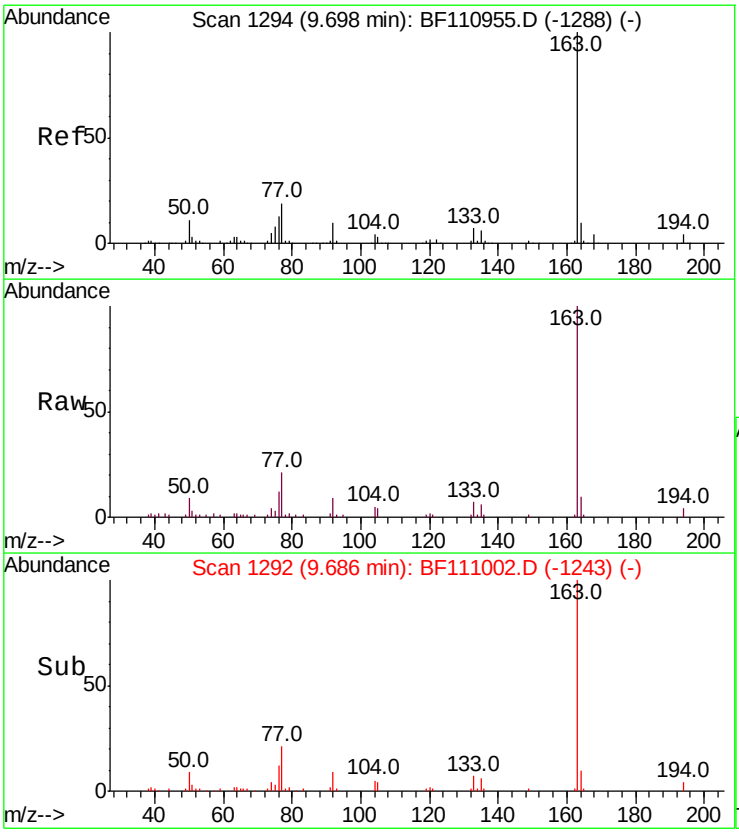
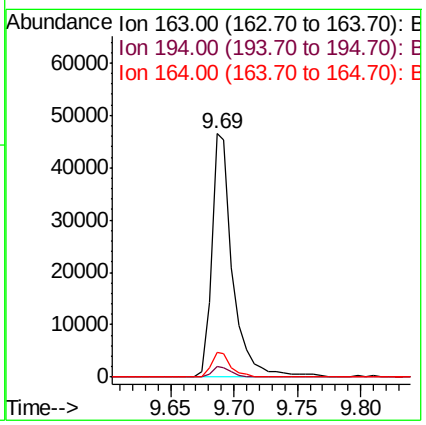
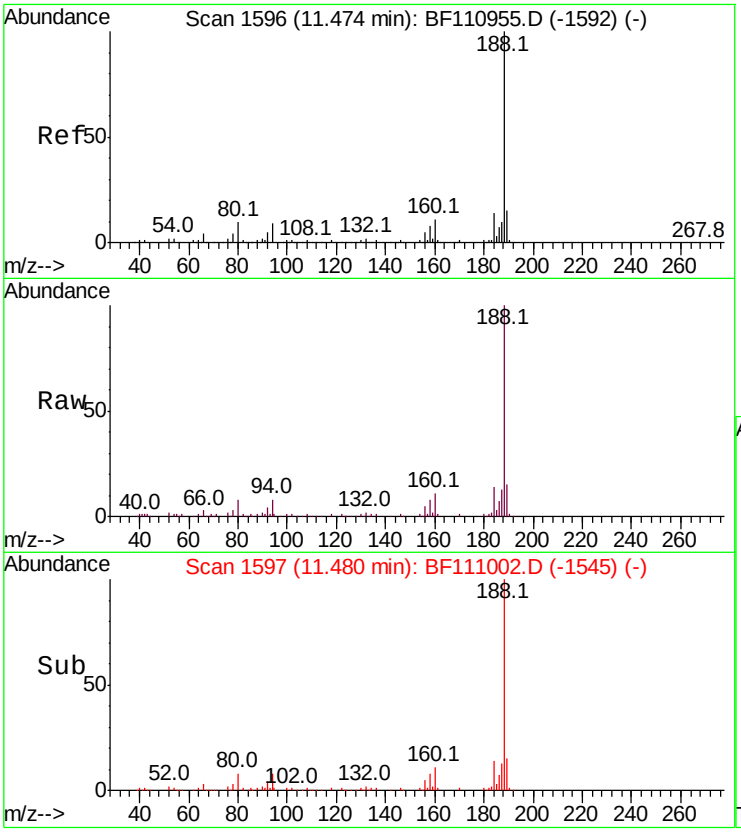


#50
Dimethylphthalate
Concen: 10.019 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:163 Resp: 53884

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.1	12.1

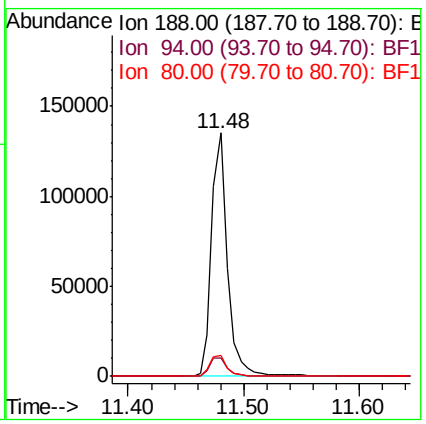




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:188 Resp: 129361

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.2	10.8
80	8.4	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
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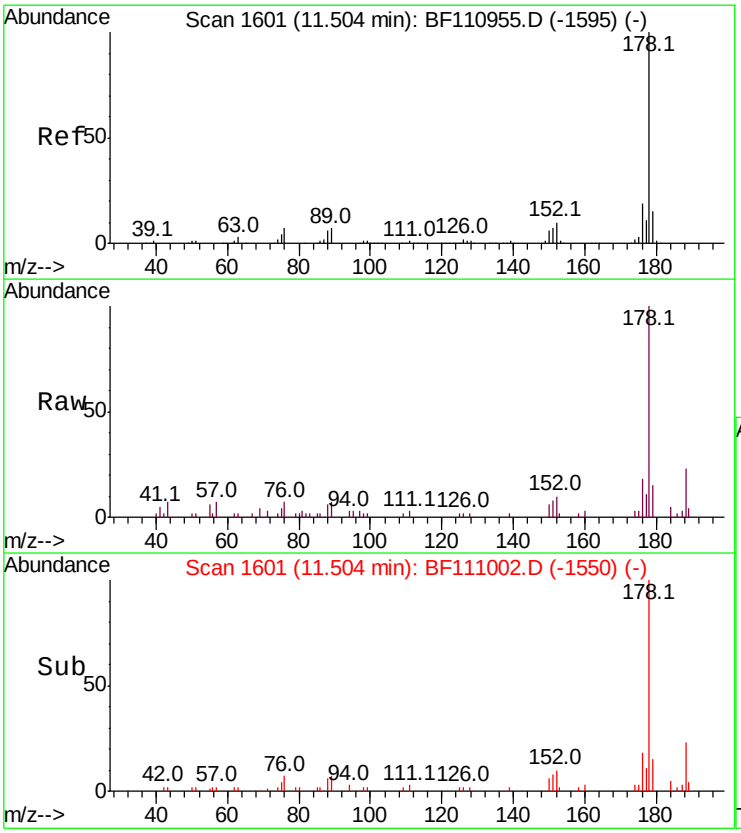
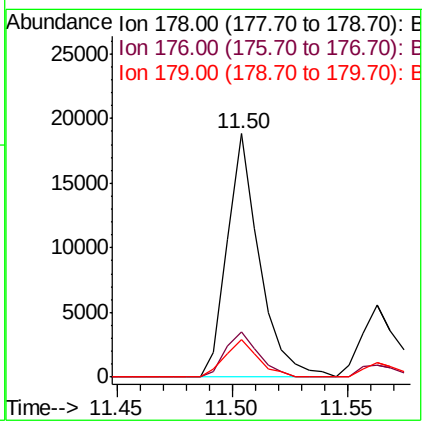
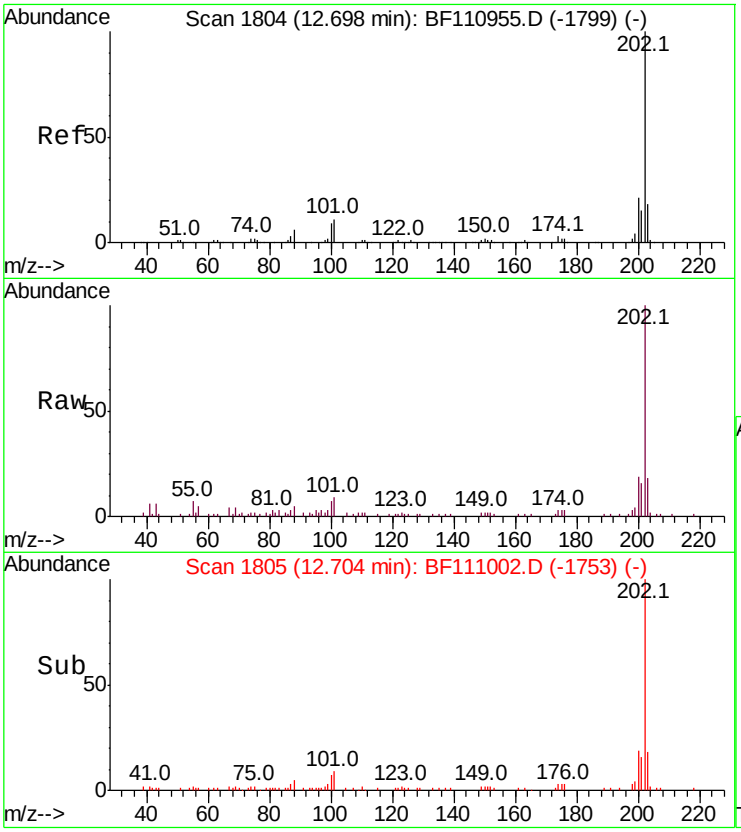


#71
Phenanthrene
Concen: 2.677 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:178 Resp: 18341

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.2	12.5	18.7

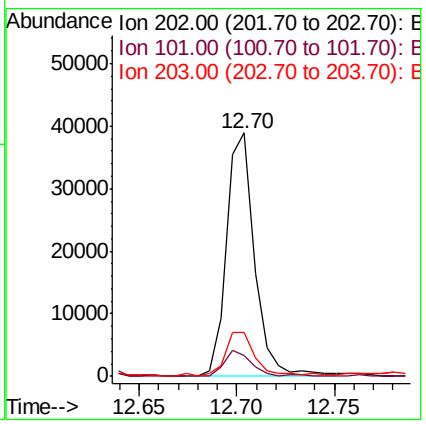




#75
Fluoranthene
Concen: 5.562 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:202 Resp: 39166

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	31.4
203	18.2	0.0	37.7



Instrument :
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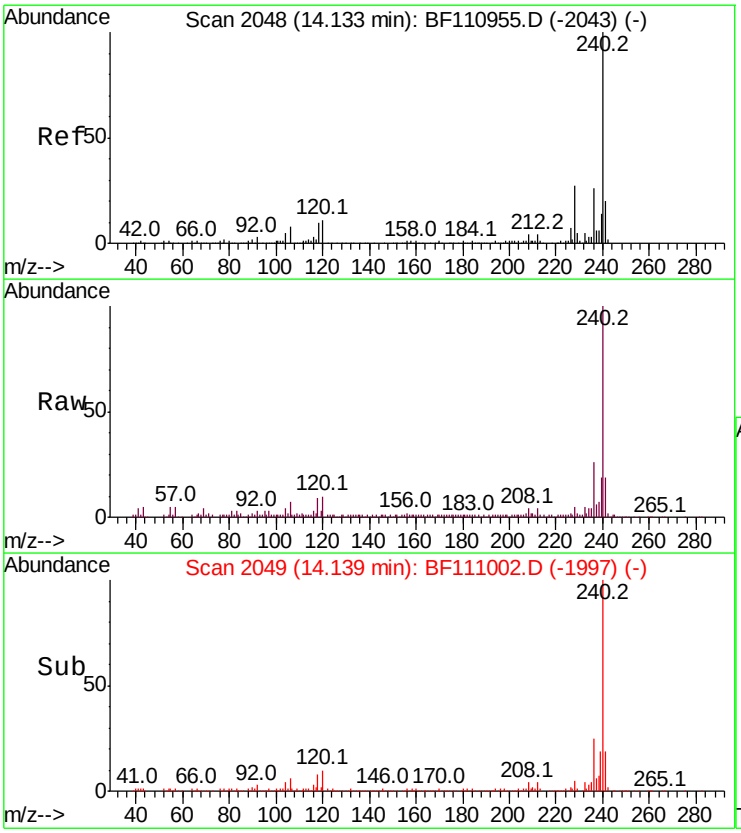
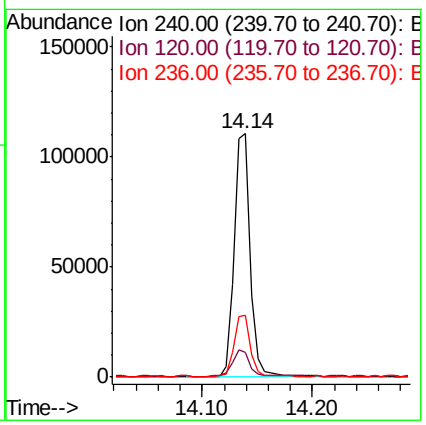
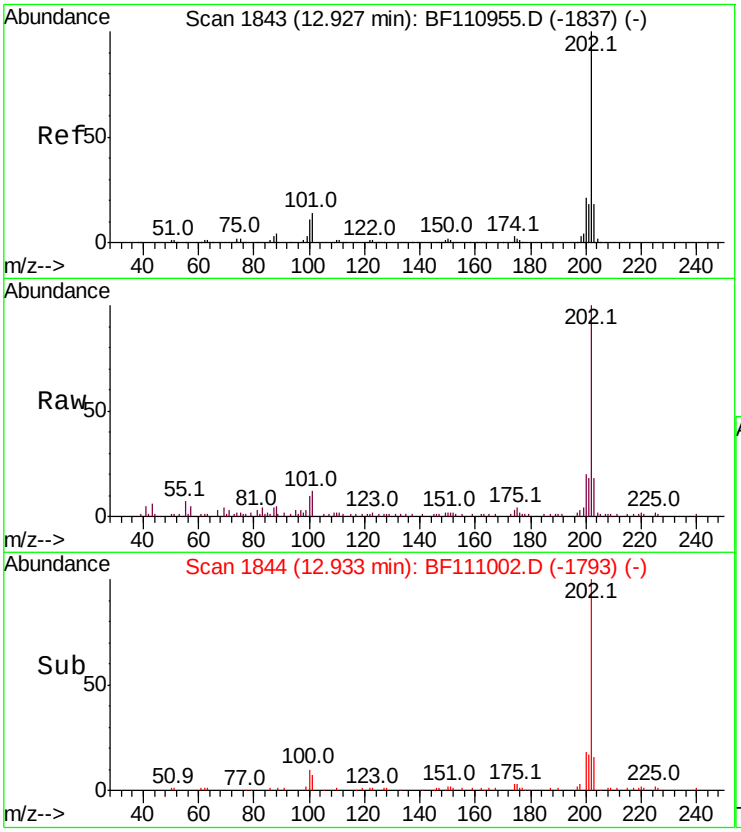


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:240 Resp: 114326

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.6	21.2	31.8

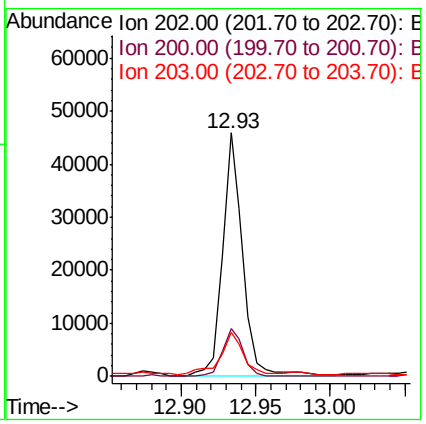




#78
Pyrene
Concen: 5.305 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:202 Resp: 44293

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.8	26.6
203	17.9	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
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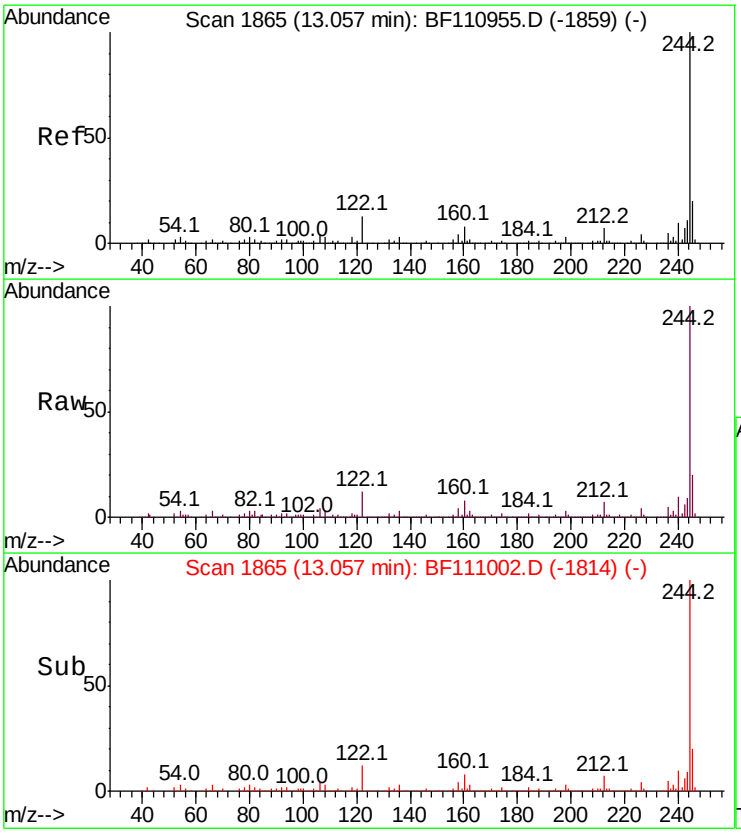
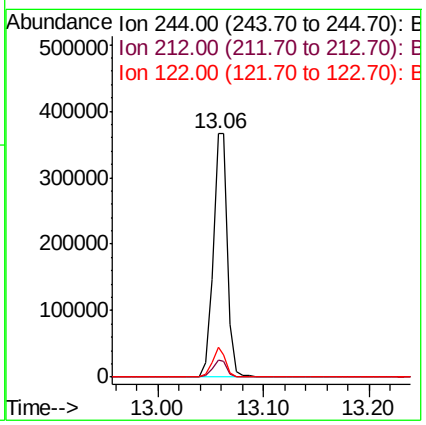
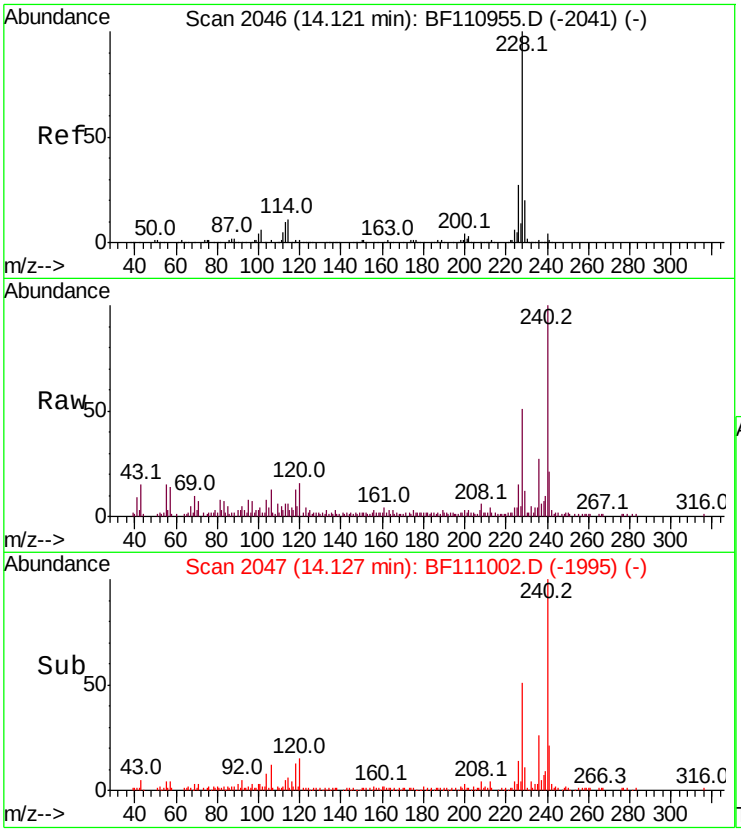


#79
Terphenyl-d14
Concen: 60.243 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:244 Resp: 353804

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.2	8.7	13.1





#81
Benzo(a)anthracene
Concen: 3.269 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:228 Resp: 22063

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.1	33.1
229	24.2	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
SU-02-112118

Manual Integrations APPROVED
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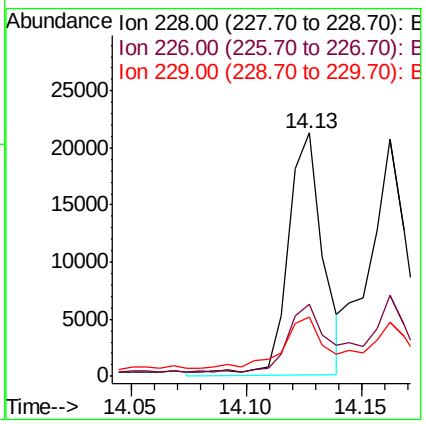
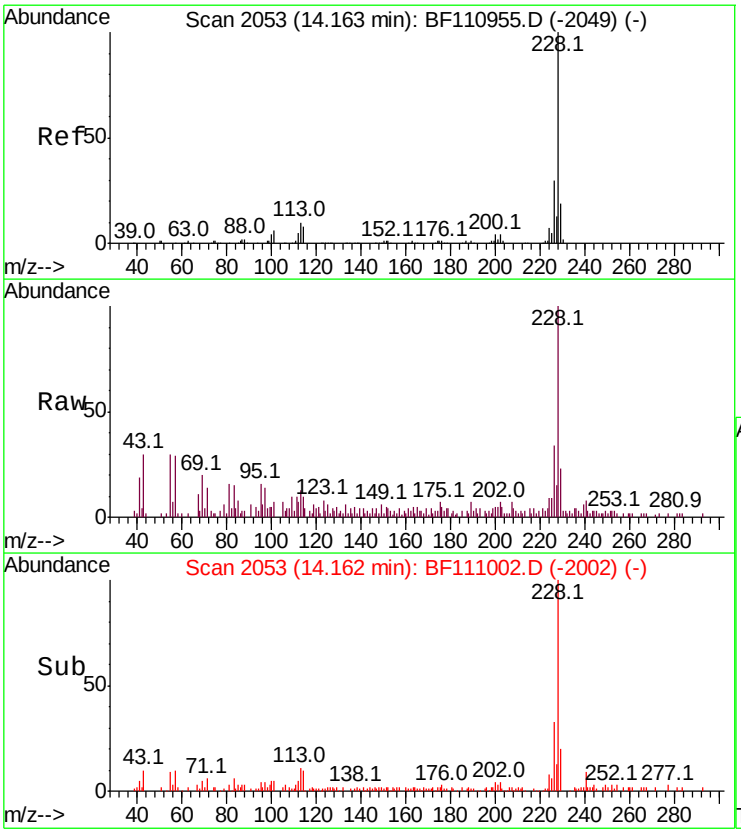
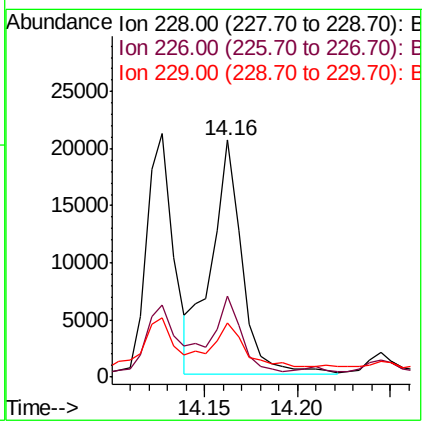


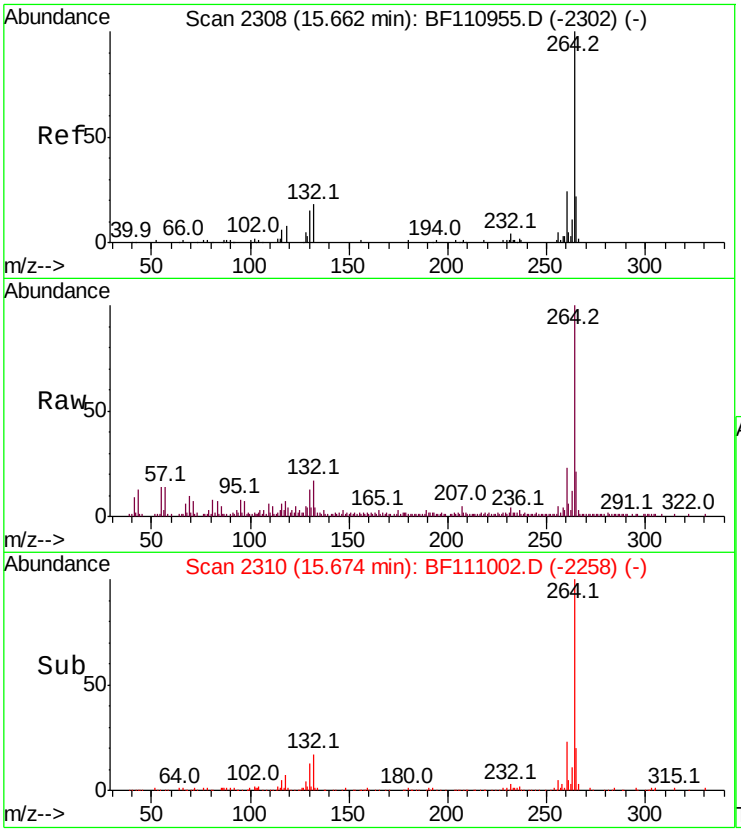


#83
Chrysene
Concen: 3.635 ng m
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:228 Resp: 24150

Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.7	37.1
229	22.7	15.9	23.9

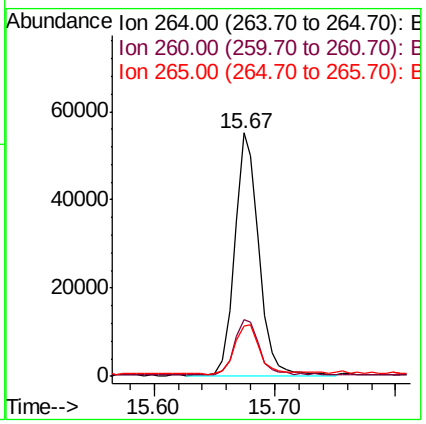




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:264 Resp: 77515

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.5	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
SU-02-112118

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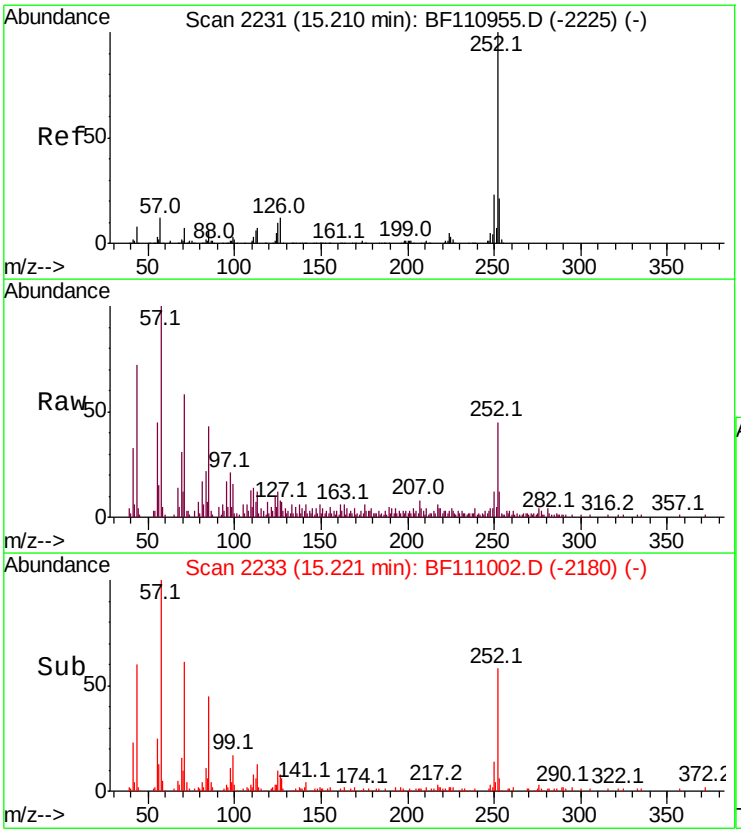
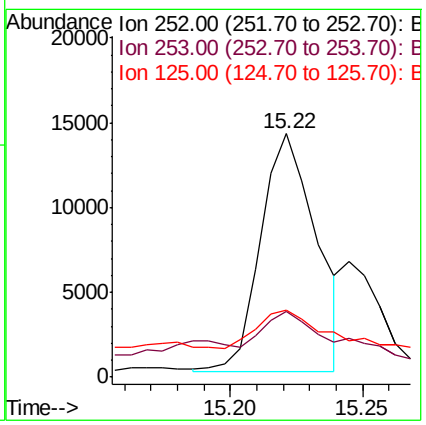
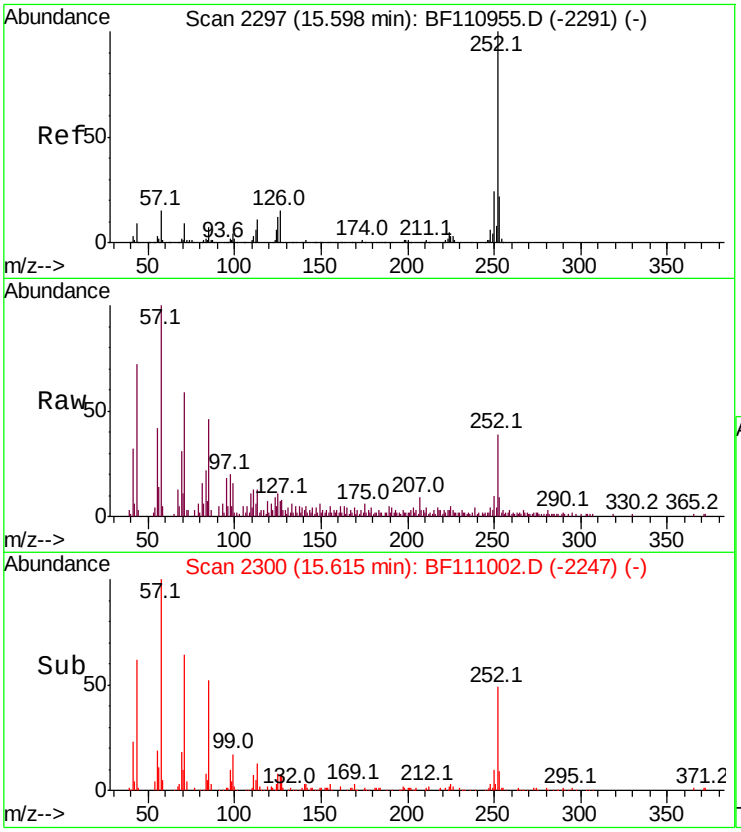


#88
Benzo(b)fluoranthene
Concen: 4.518 ng m
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:252 Resp: 20575

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.2	25.8#
125	27.5	8.2	12.4#

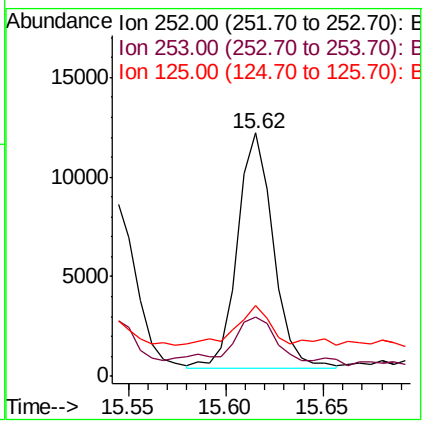




#90
Benzo(a)pyrene
Concen: 3.533 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:252 Resp: 14974

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.4
125	28.9	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
SU-02-112118

Manual Integrations APPROVED
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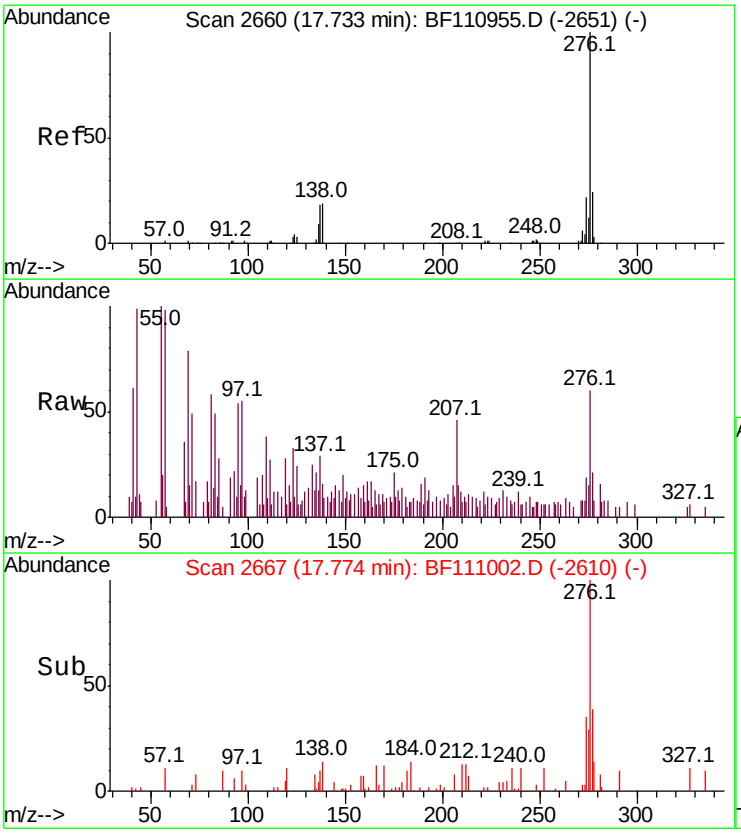

#92
Benzo(g,h,i)perylene
Concen: 2.827 ng
RT: 17.77 min Scan# 2667
Delta R.T. 0.04 min
Lab File: BF111002.D
Acq: 27 Nov 2018 11:48

Tgt Ion:276 Resp: 9532

Ion	Ratio	Lower	Upper
276	100		
277	34.9	18.8	28.2#
138	26.4	16.0	24.0#